

Title (en)

AN ELECTROSTATIC PRECIPITATOR

Title (de)

ELEKTROSTATISCHER ABSCHEIDER

Title (fr)

PRÉCIPITANT ÉLECTROSTATIQUE

Publication

EP 2054157 A1 20090506 (EN)

Application

EP 07789296 A 20070823

Priority

- GB 2007003204 W 20070823
- GB 0616916 A 20060826

Abstract (en)

[origin: WO2008025954A1] There is provided an electrostatic precipitator comprising air inlet means to a conduit for the passage of an air flow containing particles and means generating a focusing electrostatic field within the conduit substantially orthogonal to the air flow in which the generating means comprise a two dimensional surface electrode including an ion source and an earthed counter electrode and in which the air inlet means and the surface electrode are adapted to direct ion substantially against the direction of the air flow in the conduit.

IPC 8 full level

B03C 3/10 (2006.01); **B03C 3/06** (2006.01); **B03C 3/49** (2006.01)

CPC (source: EP GB US)

B03C 3/04 (2013.01 - GB); **B03C 3/06** (2013.01 - EP GB US); **B03C 3/10** (2013.01 - EP GB US); **B03C 3/45** (2013.01 - GB);
B03C 3/49 (2013.01 - EP GB US)

Citation (search report)

See references of WO 2008025954A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008025954 A1 20080306; AU 2007291067 A1 20080306; CA 2661043 A1 20080306; CN 101511484 A 20090819;
EP 2054157 A1 20090506; GB 0616916 D0 20061004; GB 0902250 D0 20090325; GB 2453505 A 20090408; JP 2010501347 A 20100121;
US 2009188390 A1 20090730

DOCDB simple family (application)

GB 2007003204 W 20070823; AU 2007291067 A 20070823; CA 2661043 A 20070823; CN 200780031888 A 20070823;
EP 07789296 A 20070823; GB 0616916 A 20060826; GB 0902250 A 20070823; JP 2009526161 A 20070823; US 43813907 A 20070823